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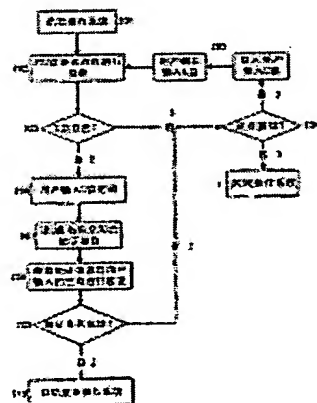
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所引用双字母代码和其它缩写符号, 请参考刊登在每期 PCT公报期刊起始的“代码及缩写符号简要说明”。

(54) Title: AN AUTHENTICATION METHOD BASED ON THE PRIVATE SPACE OF THE USB FLASH MEMORY MEDIA

(54) 发明名称: 基于 USB 闪存盘存储介质私有空间的验证方法



201 STARTING THE OPERATING SYSTEM
202 CHANGING ONE OF THE USB MEMORY DEVICES
203 IS THE USB MEMORY BURNED
204 YES
205 PROMPTING THE USER TO REPLY THE USB DEVICES AND THE USER CONFIRMS THE USB DEVICES
206 THE USER INPUTS THE INFORMATION OF THE USB MEMORY
207 READING THE AUTHENTICATION INFORMATION FROM THE PRIVATE SPACE OF THE USB FLASH MEMORY
208 AUTHENTICATING THE OPERATIONS THAT THE USER INPUTS CORRELATE THE AUTHENTICATION INFORMATION
209 IS THE AUTHENTICATION SUCCESSFUL
210 YES
211 SUCCESS IN THE OPERATING SYSTEM AUTOMATICALLY
212 CLOSE THE OPERATING SYSTEM
213 YES
214 NO

(57) Abstract: The invention provides an authentication method based on the private space of the USB flash memory media, which includes: realizing a module that utilizes the private space of the USB flash memory media, which current often used, to perform an authentication, the control chip of the USB flash memory receives the read/write instructions from the authentication module, determines whether performs the read/write operation to the private space, if the result is yes, then performs the read/write operation to the private space, otherwise do not perform the read/write operation to the private space; thus various of the authentication information can be stored in the private space of the USB flash memory, which is invisible to the normal user and can not be copied and deleted, and the normal data can also be stored in the normal space of the USB flash memory, as realizing an encryption and authentication mechanism with security and convenience.

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WO 2004/111851 A1